

Innovation Project Descriptions:

Asheville City Schools: School of Health Sciences/Biotechnology

Asheville High School, with collaborating partners, will establish a high-quality, health sciences school that will build on both classroom and field-based instruction. Curriculum will be developed based on state and national standards and will be integrated through project-based learning and real-world applications. In planning the new school, the project team will consider distance learning capabilities and dual enrollment with the community college. A key partner will be Asheville-Buncombe Technical Community College, one of five leading biotechnology centers in the N.C. Community College System. In addition, the Asheville Area Chamber of Commerce, Biltmore Farms, N.C. Biotechnology Center, University of North Carolina at Asheville and Asheville Citizen-Times will have representatives collaborating with the school system on this program. For more information, contact Michael Lodico, executive director of secondary education, at 828-255-5308 or Michael.lodico@asheville.k12.nc.us.

Cumberland County Schools: Health Sciences Academy at Douglas Byrd High School

Cumberland County Schools will create a Health Sciences Academy temporarily placed at Douglas Byrd High School with the future goal of housing the program in a separate facility. The academy will prepare students for work and college, align curriculum with strong and emerging economic sectors and maintain a high graduation rate among students. A Health Science Committee will investigate dual credit college courses, develop student internship and mentor opportunities with community health care agencies, and research programs that allow students to graduate with Licensed Practical Nurse certificates. Stakeholders in this program include Cape Fear Valley Health System, Cumberland County Education Foundation, Fayetteville State University, Fayetteville Technical Community College, Methodist College and Southeast Regional Area Health Education Center. For more information, contact Dr. Kathy Dickson, special assistant to the superintendent, at 910-678-2303 or kathyd@ccs.k12.nc.us.

Durham Public Schools: City of Medicine Academy at Southern High School

Durham Public Schools will transform the City of Medicine Academy at Southern High School from a “center of specialization” program serving 262 students to a semi-autonomous high school for 400 students. This new school is intended to provide a challenging, well-balanced academic program that focuses on career-related experiences in the health sciences and medical professions. Beginning with the 2006-07 school year, much of this school will be located in a new state-of-the-art facility at the City of Medicine Center adjacent to the Veteran’s Administration Hospital and Duke University Medical Center. The academy will provide students with curriculum that is academically rigorous, including opportunities for dual enrollment at one of the area colleges, internships and advanced placement courses. A clinical practicum and a daily advisory class will be required for students. This school will be backed by a number of collaborators, including Duke University, UNC-Chapel Hill, N.C. Central University, Durham Technical Community College and the Durham Chamber of Commerce. For more information, contact Dr. Carl Harris, associate superintendent, at 919-560-2026 or carl.harris@dpsnc.net.

Granville County Schools: Health Sciences Academy